

AGRICULTURAL NEWS: Temperatures were near normal last week and much needed rainfall fell statewide Friday and Saturday. Rainfall for the week totaled 2.42 inches for the State, but many western areas reported in excess of 3 inches. The majority of the State had received no rain for more than 2 months. The rainfall will enable farmers to continue seeding their wheat and was beneficial to curing and stripping of tobacco. Many farmers were taking advantage of the drought conditions to clean out and recondition ponds that have dried up this summer. **Days suitable for fieldwork** averaged 5.0 days out of a possible six. Farmers last week were cutting and housing late tobacco, stripping early housed tobacco, harvesting soybeans, and seeding winter wheat. **Topsoil moisture** condition as of Friday, October 9 was 71 percent very short, 24 percent short, and 5 percent adequate. **Subsoil moisture** condition was 78 percent very short, 21 percent short, and 1 percent adequate.

TOBACCO: Harvesting of late set tobacco continued last week. Rainfall received slowed harvesting of late set tobacco, but was beneficial to curing newly cut tobacco as well as curing of tobacco previously housed. Many producers reported that the cool wet weather will enable the crop to come into case. The housed tobacco was curing too fast as the hot dry weather was causing much of the tobacco to dry rather than cure properly. As of Sunday, October 10, 59 percent of the **burley** crop was not ready for stripping, 34 percent was ready for stripping and 7 percent was stripped. Farmers were generally pleased with the curing of the early cut tobacco. Condition of housed tobacco was 7 percent very poor, 18 percent poor, 39 percent fair, 30 percent good, and 6 percent excellent. The October 1 burley yield released October 8 was 1,750 pounds per acre, unchanged from the September forecast. Firing of **dark-fired tobacco**, types 22 and 23, was coming along fine.

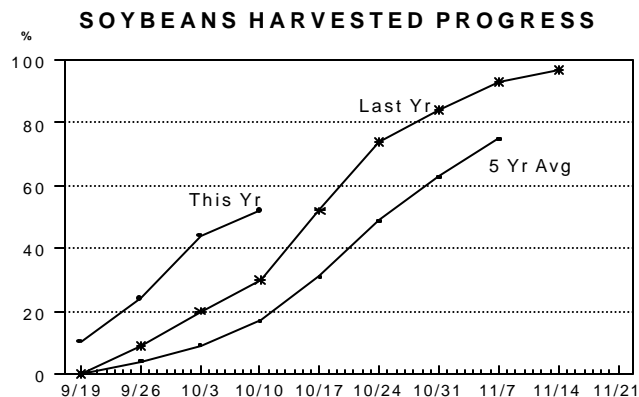
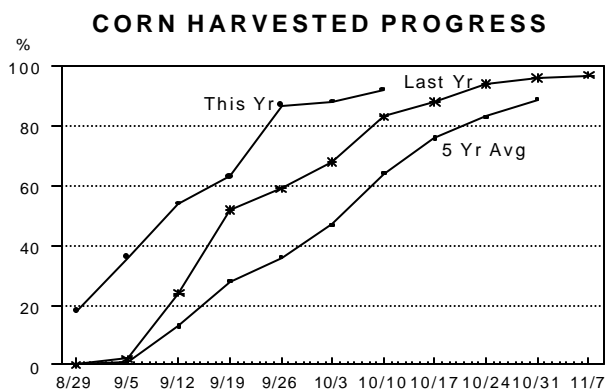
SOYBEANS: Second crop soybeans, planted after the wheat and/or barley harvest, were helped very little by the

late rain. Farmers would have benefitted if the rain was received during August and September during pod development and fill. Producers commented that some of the double crop soybeans have been or will be cut for forage. As of Sunday, October 10, 89 percent of the State's acreage was shedding leaves compared to 83 percent in 1998 and 75 percent on average. Harvesting has advanced to 52 percent, ahead of both last year's 30 percent and the five-year average of 17 percent. Condition of the soybeans in the field was 27 percent very poor, 35 percent poor, 24 percent fair, 12 percent good, and 2 percent excellent. The October 1 soybean yield released October 8 was 19.0 bushels per acre, down 2 bushels from September's forecast and 11 bushels from last year. Acreage expected to be harvested for beans was reduced by 80,000 acres to 1.1 million acres.

CORN: Corn harvest continues to advance, even as the harvest emphasis was directed to the soybean crop. As of October 10, 92 percent of the corn for grain had been harvested. This was well ahead of both last year at 83 percent and the five-year average of 64 percent. Farmers report rolling and baling corn residue to supplement the short hay crop. The October 1 corn yield was 98 bushels per acre, unchanged from the September forecast while down 17 bushels from the 1998 final yield.

OTHER CROPS: **Winter wheat** seeding was 17 percent complete, below the 22 percent for last year and 24 percent for the five year average. Planting should now advance since some moisture has been received and the Hessian fly free date is near.

Pastures continue to be stressed even with the rainfall received. Pasture condition was rated 51 percent very poor, 29 percent poor, 15 percent fair, 4 percent good and 1 percent excellent. Many farmers report feeding hay since July due to the lack of pasture, water was also being transported to livestock as most creeks, and small ponds had dried up.



KENTUCKY CROP PROGRESS
WEEK ENDING OCTOBER 10, 1999
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	Previous Week U.S.
Percentage					
Soybeans					
Shedding Leaves	89	83	75	82	88
Harvested	52	30	17	44	32
Corn					
Harvested	92	83	64	88	29
Burley Tobacco					
Stripped	7	NA	NA	5	NA
Wheat Seeded	17	22	24	14	53

(NA) Data Not Available

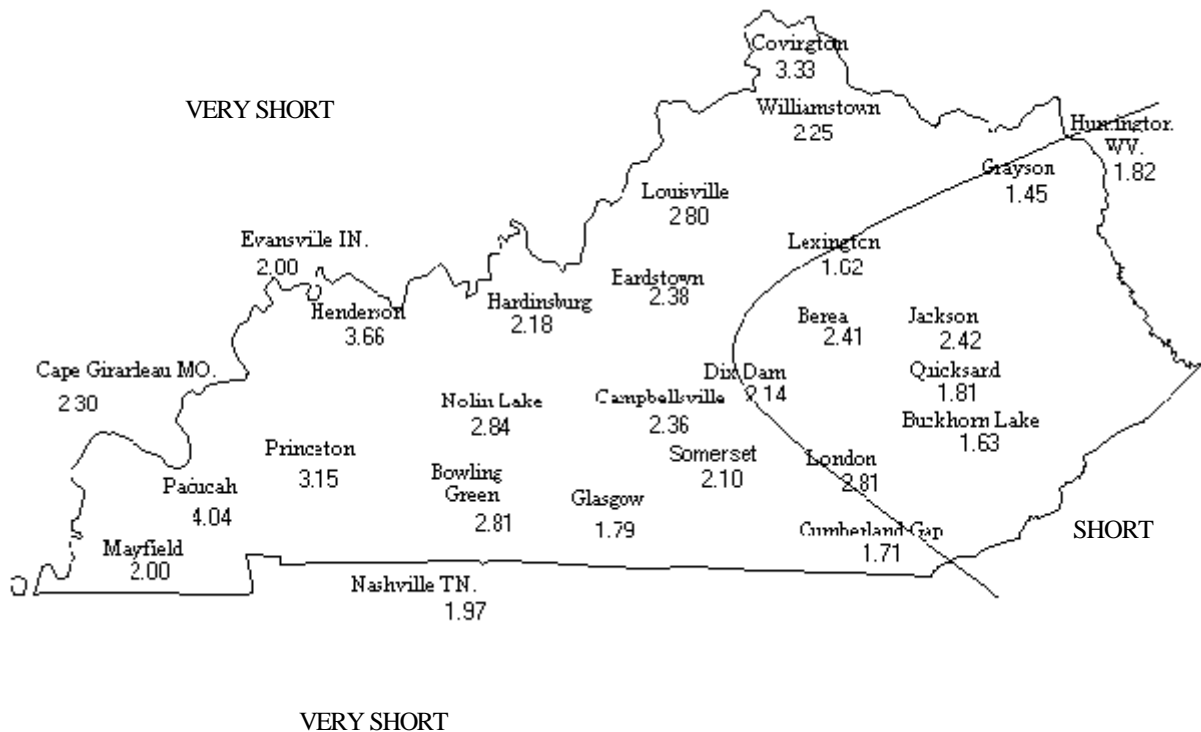
SOIL MOISTURE
WEEK ENDING OCTOBER 8, 1999
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	71	68
Short	24	27
Adequate	5	5
Surplus	0	0
SUBSOIL		
Very Short	78	78
Short	21	21
Adequate	1	1
Surplus	0	0

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING OCTOBER 8, 1999					WEEK ENDING OCTOBER 1, 1999				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Soybeans	27	35	24	12	2	23	35	25	15	2
Pasture	51	29	15	4	1	54	29	15	2	0
Housed Tobacco	7	18	39	30	6	6	18	40	32	4

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 10, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, OCTOBER 8, 1999



KENTUCKY WEATHER SUMMARY, OCTOBER 4 - 10, 1999:

ABOVE NORMAL Rainfall and NEAR NORMAL Temperatures:

Widespread, heavy rainfall, the most since Jan. 1999...occurred across the Commonwealth on Friday/Saturday (Oct 8/9) with rainfall amounts of one and one half to two inches common and many West and Central locations receiving upwards of 3 and 4 inches (Paducah 4.04", Lake Barkley 4.00"). In South Central Kentucky the heaviest amounts fell centered around Adair county. Significant rainfall totals of over two inches stretched from the Wayne and McCreary borders with Tennessee through Laurel and Pulaski counties. Over two inches of rain was received in the Lee, Estill, Wolfe, Meniffee and Powell counties. For Eastern Kentucky, the highest storm total was found in Heidelberg where a total of 3.05 inches of rain fell with the least amount near the Virginia border.

Temperatures for the past week averaged 61 degrees across the State which was NEAR NORMAL and 4 degrees cooler than the previous week. High temperatures averaged from 75 in the West to 72 in the East. Departure from normal high temperatures ranged from NEAR NORMAL in the West to 1 degree ABOVE NORMAL in the East. Low temperatures averaged from 48 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from 3 degrees BELOW NORMAL in the West to 2 degrees ABOVE NORMAL in the East. Rainfall for the week totaled 2.42 inches Statewide which was 1.76 inches ABOVE NORMAL. Rainfall totals by climate division, West 2.99 inches, Central 2.47 inches, Bluegrass 2.25 inches and East 1.97 inches, which was +2.30, +1.81, +1.63 and +1.29 inches respectively from normal. By station, rainfall totals ranged from a low of 1.45 inches at Grayson to a high of 4.04 inches at Paducah.

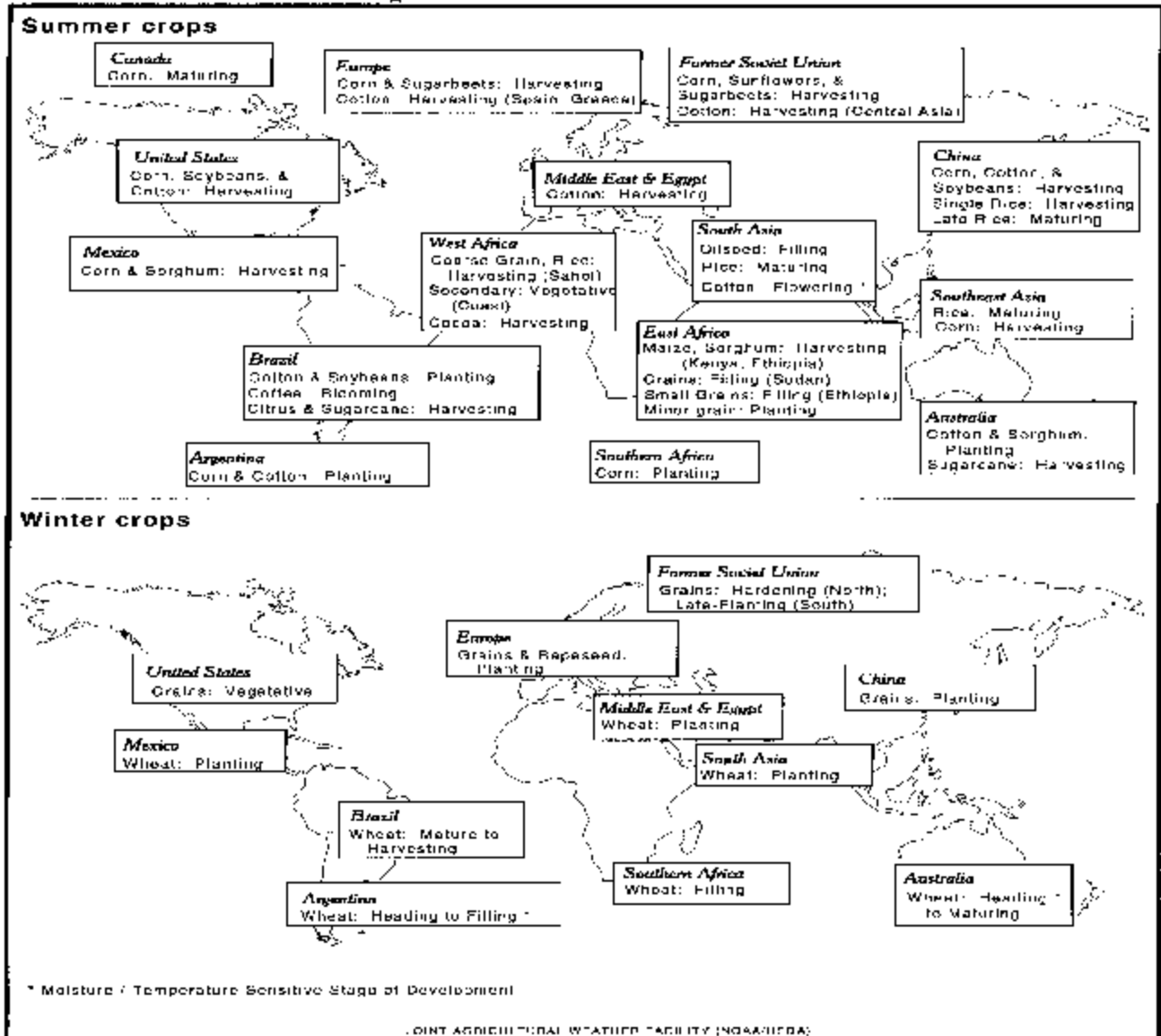
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, OCTOBER 10, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Dev. Last Since Week Apr. 1	Since Apr. 1	
	(Inches)					(Degrees Fahrenheit)						
Bardstown	2.38	17.02	3.61	-7.95	+0.86	81	40	62.6	+2	96	3779	+257
Berea	2.41	19.73	5.00	-6.60	+1.70	79	40	60.7	+1	86	3726	+71
Bowling Green	2.81	16.38	5.10	-9.99	+1.89	83	38	61.0	-0	86	4018	+333
Bristol	1.55	19.06	2.13	-3.27	-0.66	77	38	60.3	+0	89	3577	+177
Buckhorn Lake	1.63	17.11	2.94	-7.96	-0.17	81	38	61.6	+2	95	3667	+450
Cape Girardeau	2.30	16.03	2.75	-8.63	-0.36	80	29	58.7	-4	92	3825	-14
Campbellsville	2.36	18.46	3.93	-11.23	+0.13	81	38	62.4	+1	96	3866	+251
Covington	3.33	17.48	4.19	-5.78	+1.54	72	39	58.2	-2	67	3503	+172
Cumberland Gap	1.71	18.88	3.63	-8.01	+0.72	81	38	63.1	+3	101	3730	+360
Dix Dam	2.14	17.15	3.76	-8.55	+0.79	80	40	61.2	+1	87	3689	+118
Evansville	2.80	20.28	3.19	-3.03	+0.48	80	34	58.9	-4	86	3724	+48
Glasgow	1.79	15.74	3.47	-12.67	+0.17	82	37	63.6	+3	105	4066	+481
Grayson	1.45	19.01	1.70	-5.04	-0.91	81	39	61.2	+1	88	3717	+540
Hardinsburg	2.18	18.66	2.30	-7.49	-0.87	84	41	61.7	+1	92	3807	+92
Henderson	3.66	21.26	4.09	-2.96	+1.12	82	33	62.1	-1	102	3897	+181
Huntington	1.82	16.04	2.71	-8.14	+0.08	77	38	59.4	-1	79	3650	+289
Jackson	2.42	21.39	3.56	-4.73	+0.51	80	42	60.8	+1	80	3693	+476
Lexington	1.62	14.97	2.90	-10.00	+0.15	81	40	60.4	+1	80	3710	+319
London	2.81	18.71	3.91	-5.53	+0.93	78	37	60.2	+0	84	3663	+323
Louisville	2.80	20.83	3.33	-3.56	+0.56	82	44	61.8	+1	85	3859	+152
Mayfield	2.00	19.50	2.26	-7.38	-1.29	81	35	61.9	-1	99	3927	+141
Nashville	1.97	20.85	3.90	-3.66	+1.01	84	39	62.9	+2	103	4219	+249
Nolin Lake	2.84	19.48	4.27	-8.49	+0.72	83	40	62.1	+1	93	3933	+502
Paducah	4.04	24.29	4.62	-1.90	+1.44	83	33	61.6	-2	99	3972	+164
Princeton	3.15	23.19	3.87	-3.03	+0.89	86	36	65.1	+2	123	4159	+342
Quicksand	1.81	21.73	2.89	-4.39	-0.16	81	37	61.8	+2	97	3606	+389
Somerset	2.10	24.57	3.94	-2.95	+0.49	79	37	60.6	+1	85	3685	+224
Spindletop	1.77	12.22	2.80	-12.75	+0.05	80	43	61.2	+1	85	3675	+284
Williamstown	2.25	13.72	3.04	-11.02	+0.16	77	44	61.9	+2	89	3789	+388

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

October normal crop calendar



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